| - 14009 (steganograph\$) ((digital\$4 electronic\$4) | e stamp 4/09/28 09:58 1/09/24 13:17 4/09/24 13:16 1/09/24 13:16 1/09/27 10:03 1/09/24 13:22 1/09/27 12:12 1/09/24 13:22 |
|--|---|
| near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4)) line near2 art ((steganograph\$) ((digital\$4 electronic\$4) uspat 200- near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near2 art) ("6449377").PN. 1 ("6449377").PN. 1 (ine near4 width) ((steganograph\$) ((digital\$4 electronic\$4) uspat 200- near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near4 width)) same (line near4 width) 6986 half-tone half adj tone (isteganograph\$) ((digital\$4 electronic\$4) uspat 200- (isteganograph\$) ((digital\$4 electronic\$4) uspat 200- near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | 4/09/24 13:17 4/09/24 13:16 4/09/24 13:16 4/09/27 10:03 4/09/24 13:22 4/09/27 12:12 |
| - 6465 line near2 art . ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2006 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near2 art) USPAT 2006 1 ("6449377").PN. USPAT 2006 1 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2006 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near4 width) half-tone half adj tone ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2006 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near4 width) half-tone half adj tone ((steganograph\$) ((digital\$4 electronic\$4) uSPAT 2006 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | 4/09/24 13:16 4/09/24 13:16 4/09/27 10:03 4/09/24 13:22 |
| - 25 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) | 4/09/24 13:16 4/09/24 13:16 4/09/27 10:03 4/09/24 13:22 |
| near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near2 art) 1 ("6449377").PN. 40159 line near4 width USPAT 2004 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near4 width) 6986 half-tone half adj tone ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | 4/09/24 13:16 4/09/27 10:03 4/09/24 13:22 |
| ((data information) near4 (hid\$4 embed\$4))) same (line near2 art) ("6449377").PN. 1 ("6449377").PN. 40159 line near4 width USPAT 2000 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2000 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near4 width) half-tone half adj tone 29 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2000 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2000 ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | 4/09/27 10:03 4/09/24 13:22 4/09/27 12:12 |
| 1 ("6449377").PN. | 4/09/27 10:03 4/09/24 13:22 4/09/27 12:12 |
| - 1 ("6449377").PN. USPAT 200 40159 line near4 width - 17 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 200 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4)) - 6986 half-tone half adj tone - 29 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 200 (steganograph\$) ((digital\$4 electronic\$4) USPAT 200 (data information) near4 (hid\$4 embed\$4)) - (data information) near4 (hid\$4 embed\$4)) - same (half-tone half adj tone) | 4/09/27 10:03 4/09/24 13:22 4/09/27 12:12 |
| - 40159 line near4 width ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near4 width) - 6986 half-tone half adj tone 29 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | 4/09/27 10:03 4/09/24 13:22 4/09/27 12:12 |
| - 17 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near4 width) | 4/09/24 13:22 4/09/27 12:12 |
| near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (line near4 width) - 6986 half-tone half adj tone - 29 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | 1/09/27 12:12 |
| ((data information) near4 (hid\$4 embed\$4))) same (line near4 width) half-tone half adj tone ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | |
|) same (line near4 width) half-tone half adj tone ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | |
| - 6986 half-tone half adj tone - 29 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | |
| - 29 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | |
| near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | 1,05,21 13.22 |
| ((data information) near4 (hid\$4 embed\$4))) same (half-tone half adj tone) | |
|) same (half-tone half adj tone) | |
| | |
| - 20027 line near4 thick\$5 USPAT 2004 | 1/09/27 09:55 |
| | 1/09/27 09:55 |
| near4 watermark\$4) | |
| ((data information) near4 (hid\$4 embed\$4)) | |
| - 9 (line near4 thick\$5) same ((steganograph\$) USPAT 200 | 1/09/27 09:59 |
| ((digital\$4 electronic\$4) near4 | |
| watermark\$4) | 1 |
| ((data information) near4 (hid\$4 | |
| embed\$4))) | |
| | 1/09/27 10:00 |
| ((digital\$4 electronic\$4) near4 | |
| watermark\$4) | 1 |
| ((data information) near4 (hid\$4 | |
| embed\$4))) | . /00 /07 |
| | 1/09/27 10:03 |
| | 1/09/27 10:03 |
| | 1/09/27 10:30 |
| - 2109 (((steganograph\$) ((digital\$4 USPAT 2004) electronic\$4) near4 watermark\$4) | 1/09/27 10:31 |
| ((data information) near4 (hid\$4 | |
| embed\$4))) or (line near4 width)) same | |
| filter\$5 | |
| | 1/09/27 10:32 |
| electronic\$4) near4 watermark\$4) | ., 00, 2. 10.02 |
| ((data information) near4 (hid\$4 | |
| embed\$4))) or (line near4 width)) with | |
| filter\$5 | |
| | 1/09/27 10:54 |
| width)) with filter\$5 | |
| | 1/09/27 10:47 |
| | 1/09/27 10:46 |
| near4 watermark\$4) | |
| ((data information) near4 (hid\$4 | |
| embed\$4))) same (divid\$5 with ton\$5) - 25364 area with ton\$5 USPAT 2004 | 1/00/07 10 51 |
| , | 1/09/27 10:51 1/09/27 10:48 |
| - 8 ((steganograph\$) ((digital\$4 electronic\$4) USPAT 2004 | 1/09/2/ 10:48 |
| ((data information) near4 (hid\$4 | |
| embed\$4))) same (area with ton\$5) | |
| | 1/09/27 10:52 |
| | 1/09/27 10:52 |
| near4 watermark\$4) | ., UJ/21 IU.JI |
| ((data information) near4 (hid\$4 | |
| embed\$4))) same (range with tonal) | |
| | 1/09/27 10:52 |
| | 1/09/27 10:52 |
| near4 watermark\$4) | |
| ((data information) near4 (hid\$4 | |
| embed\$4))) same (range with intensity) | I |
| - 32 ((line near4 thick\$5) or (line near4 USPAT 2004 | 1/09/27 12:04 |
| width)) with filter\$5 with range | i |

Page 1

| _ | 44 | ((line near4 thick\$5) or (line near4 | USPAT | 2004/09/27 12:08 |
|---|-------|---|--------|--------------------------------------|
| | 171 | width)) with filter\$5 with range | HODAM | 2004/09/27 12:08 |
| - | 171 | ((line near4 thick\$5) or (line near4 width)) with range with area | USPAT | 2004/09/27 12:08 |
| _ | 129 | ((line near4 width)) with range with area | USPAT | 2004/09/27 12:08 |
| _ | 73 | ((line near4 width)) with range with area | USPAT | 2004/09/27 12:09 |
| | | and image | | |
| - | 6986 | half-tone half adj tone | USPAT | 2004/09/27 12:13 |
| - | 57 | (half-tone half adj tone) with convert\$5 | USPAT | 2004/09/27 12:13 |
| | | with line | | |
| _ | 14009 | (steganograph\$) ((digital\$4 electronic\$4) | USPAT | 2004/09/27 12:26 |
| | | <pre> near4 watermark\$4) ((data information) near4 (hid\$4 embed\$4))</pre> | | |
| _ | 492 | | USPAT | 2004/09/27 12:26 |
| _ | 1 | ((steganograph\$) ((digital\$4 electronic\$4) | USPAT | 2004/09/27 12:33 |
| | - | near4 watermark\$4) | 002111 | |
| | | ((data information) near4 (hid\$4 | | |
| | | embed\$4))) same (tonal with area) | | |
| - | 1578 | | USPAT | 2004/09/27 12:33 |
| _ | 0 | ((steganograph\$) ((digital\$4 electronic\$4) | USPAT | 2004/09/27 12:33 |
| | | near4 watermark\$4) | | |
| | | ((data information) near4 (hid\$4 embed\$4))) same (divid\$5 with range with | | · |
| | | area) | | |
| _ | 58875 | | USPAT | 2004/09/27 12:34 |
| _ | 43 | ((steganograph\$) ((digital\$4 electronic\$4) | USPAT | 2004/09/27 12:39 |
| | | near4 watermark\$4) | | |
| | | ((data information) near4 (hid\$4 | | |
| | | embed\$4))) same (divid\$5 with area) | | |
| _ | 103 | | USPAT | 2004/09/27 13:09 |
| - | 24882 | | USPAT | 2004/09/27 13:09 2004/09/27 14:19 |
| - | 81 | <pre>((steganograph\$) ((digital\$4 electronic\$4) near4 watermark\$4)</pre> | USPAT | 2004/09/27 14:19 |
| | | ((data information) near4 (hid\$4 | | |
| | | embed\$4))) same artifact\$3 | | |
| _ | 99864 | | USPAT | 2004/09/27 14:20 |
| _ | 84 | | USPAT | 2004/09/27 14:26 |
| - | 452 | | USPAT | 2004/09/27 14:31 |
| _ | 39 | , | USPAT | 2004/09/28 09:55 |
| | 1044 | same image | HCDAM | 2004/09/28 09:58 |
| _ | 1944 | ((gray-scale gray adj scale) color intensity) with Varia\$5 same block | USPAT | 2004/09/28 09:38 |
| _ | 2366 | | USPAT | 2004/09/28 09:58 |
| | 2300 | intensity) with (Varia\$5 noise) same block | | |
| - | 14050 | (steganograph\$) ((digital\$4 electronic\$4) | USPAT | 2004/09/28 09:59 |
| | | near4 watermark\$4) | | |
| | | ((data information) near4 (hid\$4 embed\$4)) | | 000115-15- |
| _ | 5 | 1 , , , , , , , , , , , , , , , , , , , | USPAT | 2004/09/28 10:08 |
| | | near4 watermark\$4) | | |
| | | ((data information) near4 (hid\$4 | | |
| | | embed\$4))) same (((gray-scale gray adj scale) color intensity) with (Varia\$5 | 1 | |
| | | noise) same block) | | |
| _ | 82 | | USPAT | 2004/09/28 10:40 |
| | | near4 watermark\$4) | | |
| | | ((data information) near4 (hid\$4 | | |
| | | embed\$4))) and (((gray-scale gray adj | | |
| | | scale) color intensity) with (Varia\$5 | | |
| | 765 | noise) same block) | IICDAT | 2004/09/28 10:40 |
| | 765 | (382/100).CCLS. | USPAT | 2004/09/28 10:40 |